Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 27 May 2023 until 23:59 on Sunday 28 May 2023

Forecast Issued on Saturday 27 May 2023 at 03:35

Confidence: High for settled theme, lower for cloud amounts.

Headline for Saturday 27 May 2023: Fine with strong sunshine before cloud increases later.

Mountain weather hazards on Saturday 27 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Sunny	Sunny	Clear night
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Saturday 27 May 2023

Weather: Fine today with long periods of sunshine, this perhaps occasionally hazy, with shallow fair-weather cloud developing for a time before dispersing later. The UV index will be high. This afternoon and evening areas of high cloud are likely to move south, but still some bright or sunny spells will occur and then clear spells this evening.

Chance of cloud-free hill tops above 600m: Greater than 95%.

Low cloud and visibility: No major impediments to visibility, with cloud clear of the summits. Slight haziness to the air likely.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 27 May 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 SW	8/10 SW	9/12 W	9/12 W	11/15 NW	5/9 NW	6/13 N
300	4/5 S	6/7 SW	6/10 W	6/9 W	9/15 NW	5/11 N	5/8 NE
Valley	2/3 SW	4/6 SW	6/10 W	6/10 W	9/16 NW	5/12 N	5/13 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/9	11/9	14/12	15/13	15/12	11/10	10/9
300	11/10	13/12	16/15	18/17	17/15	14/13	12/11
Valley	11/11	14/14	18/17	20/18	18/16	14/13	12/11
Freezing Level*	1800m	1800m	2200m	2500m	2500m	2300m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Pleasant temperatures and a breeze may mask the hazard of high UV.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 27 May 2023	0mm	0mm	0mm

Forecast for Sunday 28 May 2023

Weather: Cloudier than today with often large amounts of high cloud, but still the day will be dry and bright with some sunny spells, these especially late in the day. Despite the cloud the high UV index remains the main hazard.

Maximum wind: Northeasterly 25mph.

Chance of cloud-free hill tops above 600m: 70% at first, improving to greater than 95% once again.

Low cloud and visibility: Areas of cloud down to 500 metres possible in the east, then clearing south. Probably a clearer day visibility-wise then following compared today.

Temperature: **Valleys:** Plus 7 becoming plus 17 Celsius.
At 600m: Plus 7 Celsius increasing plus 12 Celsius.
Freezing level: Well above the peaks.

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